



54275.8005.US03.ST25.txt
SEQUENCE LISTING

<110> ZENGEN, INC.
Catania, Anna P.
Lipton, James M.

<120> A COMPOSITION AND METHOD OF TREATMENT FOR UROGENITAL CONDITIONS

<130> 54275.8005.US03

<140> US 10/659,053
<141> 2003-09-08

<150> US 09/535,066
<151> 2000-03-23

<150> US 60/126,233
<151> 1999-03-24

<150> US 10/442,683
<151> 2003-05-21

<150> US 60/382,887
<151> 2002-05-21

<160> 15

<170> PatentIn version 3.1

<210> 1
<211> 3
<212> PRT
<213> Artificial Sequence

<220>
<223> Designed polypeptide with anti-inflammatory, anti-microbial, anti-fungal, and anti-viral properties.

<400> 1

Lys Pro Val
1

<210> 2
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Designed polypeptide with anti-inflammatory, anti-microbial, anti-fungal, and anti-viral properties.

<400> 2

Met Glu His Phe Arg Trp Gly
1 5

54275.8005.US03.ST25.txt

<210> 3
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties.

<400> 3

His Phe Arg Trp Gly Lys Pro Val
1 5

<210> 4
<211> 13
<212> PRT
<213> Homo sapiens

<220>
<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties/naturally occurring peptide.

<400> 4

Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val
1 5 10

<210> 5
<211> 4
<212> PRT
<213> Artificial Sequence

<223>
<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties.

<400> 5

Cys Lys Pro Val
1

<210> 6
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> C-terminal sequences of alpha-MSH/Cys is DCys.

<400> 6

Trp Cys Lys Pro Val
1 5

54275.8005.US03.ST25.txt

<210> 7
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties/Cys is hCys.

<400> 7

Arg Trp Cys Lys Pro Val
1 5

<210> 8
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties/Cys is DhCys.

<400> 8

Cys Lys Pro Val
1

<210> 9
<211> 39
<212> PRT
<213> Homo sapiens

<220>
<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties/naturally occurring peptide.

<400> 9

Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
1 5 10 15

Arg Arg Pro Val Lys Val Tyr Pro Ala Gly Glu Asp Asp Glu Ala Ser
20 25 30

Glu Ala Phe Pro Leu Glu Phe
35

<210> 10
<211> 22
<212> PRT
<213> Artificial Sequence

<220>

54275.8005.US03.ST25.txt

<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties.

<400> 10

Arg Pro Val Lys Val Tyr Pro Ala Gly Glu Asp Asp Glu Ala Ser Glu
1 5 10 15

Ala Phe Pro Leu Glu Phe
20

<210> 11

<211> 35

<212> DNA

<213> Artificial sequence

<220>

<223> Oligonucleotide probes for NF-kB.

<400> 11

gat cca agg gga ctt tcc gct ggg gac ttt cca tg

35

<210> 12

<211> 35

<212> DNA

<213> Artificial sequence

<220>

<223> Oligonucleotide probes for NF-kB.

<400> 12

gat cca tgg aaa gtc ccc agc gga aac tcc cct tg

35

<210> 13

<211> 4

<212> PRT

<213> Artificial sequence

<220>

<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties.

<400> 13

Gly Lys Pro Val
1

<210> 14

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties.

<400> 14

Trp Gly Lys Pro Val
1 5

<210> 15

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Designed polypeptide with anti-inflammatory, anti-microbial,
anti-fungal, and anti-viral properties.

<400> 15

Arg Trp Gly Lys Pro Val
1 5